

ABSTRACT

Methods are provided for partial aortic obstruction for cerebral perfusion augmentation in patients suffering from global or focal cerebral ischemia. Alternatively, the methods can be used to partially obstruct aortic blood flow to condition the spinal cord to secrete neuroprotective agents prior to abdominal aortic aneurysm repair. Partial obstruction of a vessel can be accomplished by a device comprising an elongate catheter and a distally mounted expandable member. The expandable member may comprise one or two balloons. Other medical devices, such as an angioplasty, stent, or atherectomy catheter, can be inserted distal the expandable member to provide therapeutic intervention.